

ABSTRACT

The present invention provides a non-power source type monitor device installed in a place where a non-power source system needs to be used or a place preferably suitable for the non-power source system, in which a quantity of generated energy not lower than several ten times as much as an output of electric current obtained by a usual piezoelectric power generating device using steel balls can be assuredly obtained by striking a piezoelectric ceramics element once and a piezoelectric power generating device is formed commonly with means capable of automatically repeatedly striking the piezoelectric ceramics element so that a quantity of generated energy of a practical level can be assuredly ensured as a power source of such type of monitor device. The structure thereof includes, in principle,